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Erasmus+ Programme  
of the European Union



KA2 - Cooperation for innovation and the exchange of good practices

**Capacity Building in Higher Education**

Joint project

**Master in Smart Transport and Logistics for Cities / SmaLog**

*Virtual PMC coordination meeting – MS-TEAMS, 8<sup>th</sup> June 2021*

**Work Package 7 (DEV)**

**INTERNATIONAL QUALITY ASSURANCE SYSTEM**

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# Objectives

1. To develop **EU based advanced interdisciplinary Master Programme** in the Smart Transport and Logistics for Cities focused on the integration of the smart transport and information technology into management of cities transport systems and introduce them in the UA&GE Universities participating in the project **since Jan 2019**, strengthening HEIs internationalisation.
2. To develop and introduce by the end of the project some **complementary measures for supporting Smart Transport and Logistics for Cities students' training in UA&GE HEIs in accordance with the EU standards and the Bologna process demands**, namely:
  - System of UA&GE teachers' skills upgrading;
  - Methodological and technological support of the Smart Transport and Logistics for Cities students' training;
  - Methodological and technological support of the theoretical fundamentals of PhD Programme in Smart Transport and Logistics for Cities;

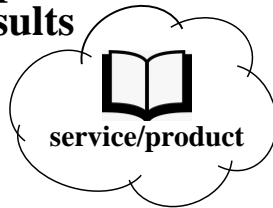
## ➤ International Quality Assurance System

WP within WG3 (development of IQAS) aiming at studying and analysing EU Quality Assurance System in higher education for its further introduction at PC Universities

- Students' and teachers' mobility including virtual mobility

# Expected output

expected  
results



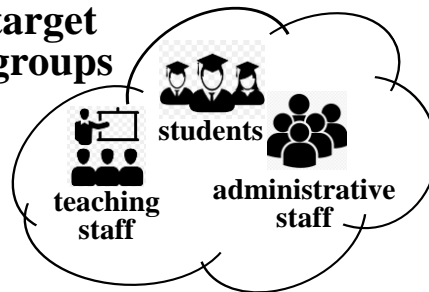
## *International Quality Assurance System*

- ✓ approved regulations
- ✓ Use Guide

dissemination  
level




target  
groups



# Allocation of responsibilities

## Leader

Partner	Country	Organization	Contact Person	Email	Phone
P1		Università degli Studi di Roma Tor Vergata	Prof. Crisalli Umberto	<a href="mailto:crisalli@ing.uniroma2.it">crisalli@ing.uniroma2.it</a>	+39067259 7061

## Participants

Partner	Country	Organization	Contact Person	Email	Phone
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# Activities and tasks

## Timeline and tasks



year 1												year 2												year 3											
M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12

(\*) original timeline

(updates according to project extension)

03.06.2019 – 30.09.2020 (\*)

16 months



- ✓ 7.1 Study Visit UA&GE part of WG3 to EU Universities
- ✓ 7.2 Draft of IQAS development
- ✓ 7.3 Discussion, finalizing and approval of IQAS
- ✓ 7.4 Guide on IQAS use
- ✓ 7.5 Training of teachers and Acquaintance of students
- ✓ 7.6 IQAS in operation

# Activities and tasks

## 7.6 IQAS in operation



year 1												year 2												year 3											
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03.06.2019 – 30.09.2020  
16 months

- ✓ Partner Country Universities introduced and are using IQAS.

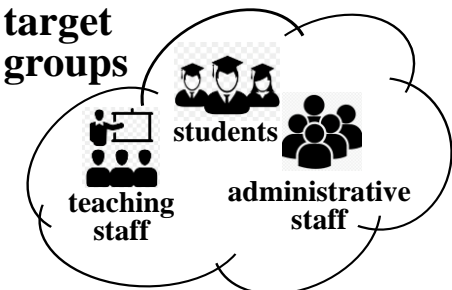
expected  
results



dissemination  
level



target  
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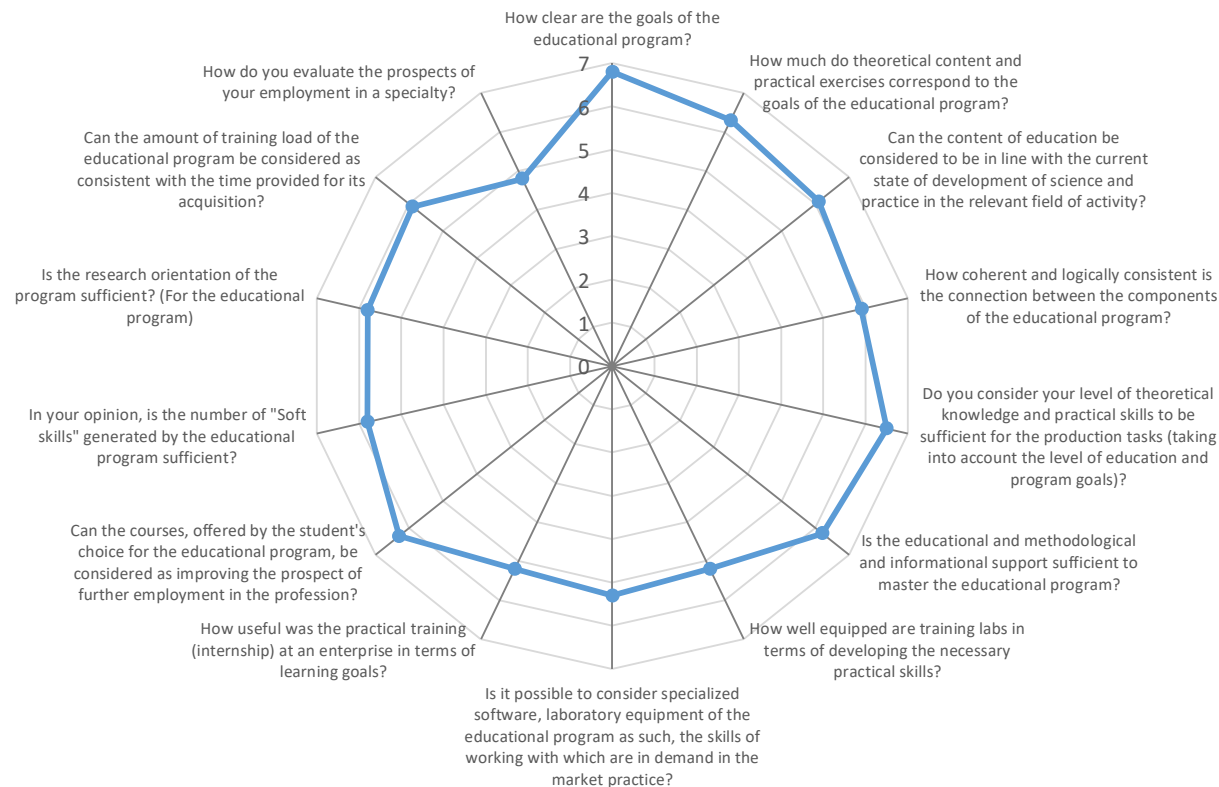


# Activities and tasks

## 7.6 IQAS in operation



- ✓ Results examples based on the **last-meeting experience at NUUEE** (see details on today's *Dmitry Roslavtsev* presentation)



# Activities and tasks

## 7.6 IQAS in operation



- ✓ Results examples (Zhytomyr Polytechnic University)
- ☐ University has an appropriate Quality Control Department.
- ☐ Our ZPU has Certificate on Correspondence to ISO 9001:2015  
(General info at <https://ztu.edu.ua/ua/common/suyau.php>)
- ☐ Within the Project ZPU has for now moment just some recommendations, presentation about Quality Assurance Policy.
- ☐ Contacts are in progress with NUEE for clarification and acceleration of work within WP7



# Activities and tasks

## 7.6 IQAS in operation



- ✓ Results examples (National Transport University)
- ☐ The survey of the first graduates of the masters was carried out.
- ☐ Period - October 2020
- ☐ Participated - 8 masters (all students of the group)
- ☐ The topic of the questionnaire is the assessment of training in the speciality SmaLog
- ☐ The survey was conducted in Ukrainian. Questionnaire available at [https://docs.google.com/forms/d/141qTR\\_ohKxbsVQsfoxy8gN0324he8M2LZrkTIEIt0yg/edit](https://docs.google.com/forms/d/141qTR_ohKxbsVQsfoxy8gN0324he8M2LZrkTIEIt0yg/edit)

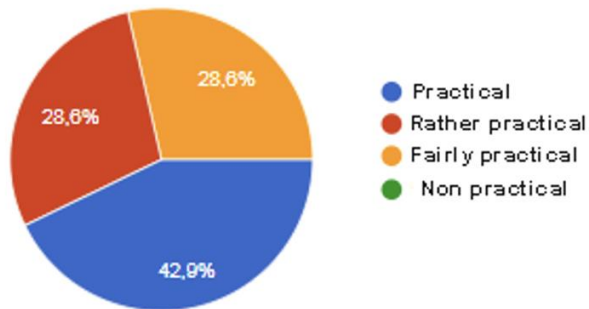
# Activities and tasks

## 7.6 IQAS in operation

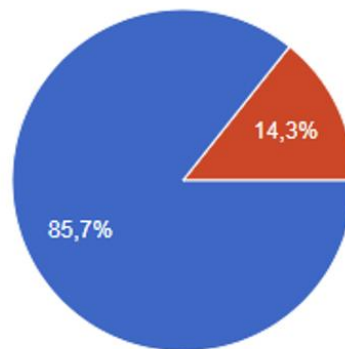


### ✓ Results examples (National Transport University)

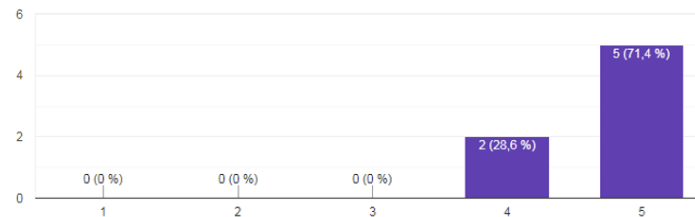
Evaluate how much practical skills you got during your master's studies



You work?



Evaluate the quality of education in the SmaLog master's program on a 5-point scale, where 5 is the best grade



Area of work:



- Logistics (3)
- Technical Support Engineer
- Exporter / FEA
- Marketing in logistics company (2)
- Continues her postgraduate studies

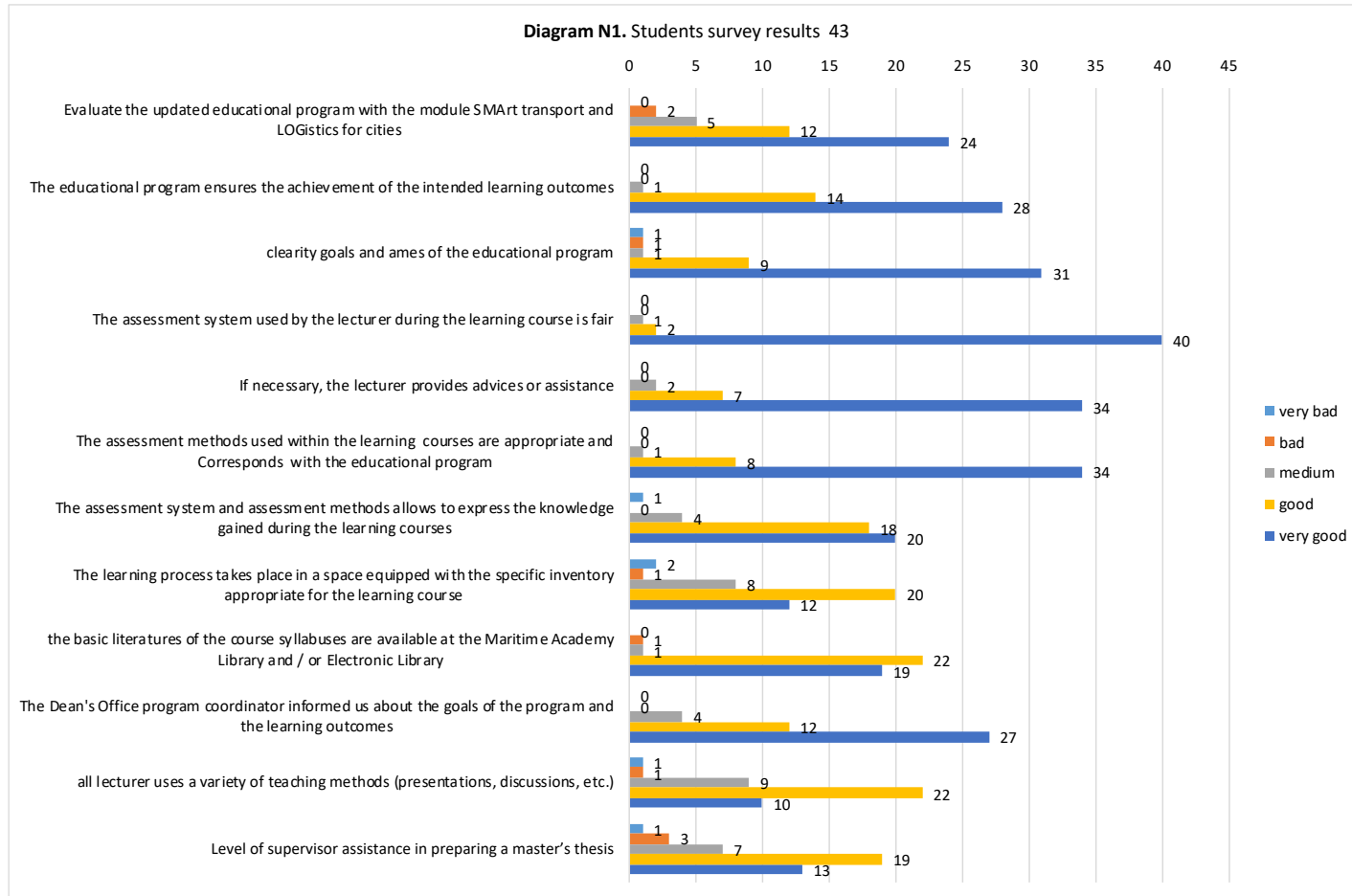
# Activities and tasks

## 7.6 IQAS in operation



### ✓ Results examples (BSMA)

(1/4)



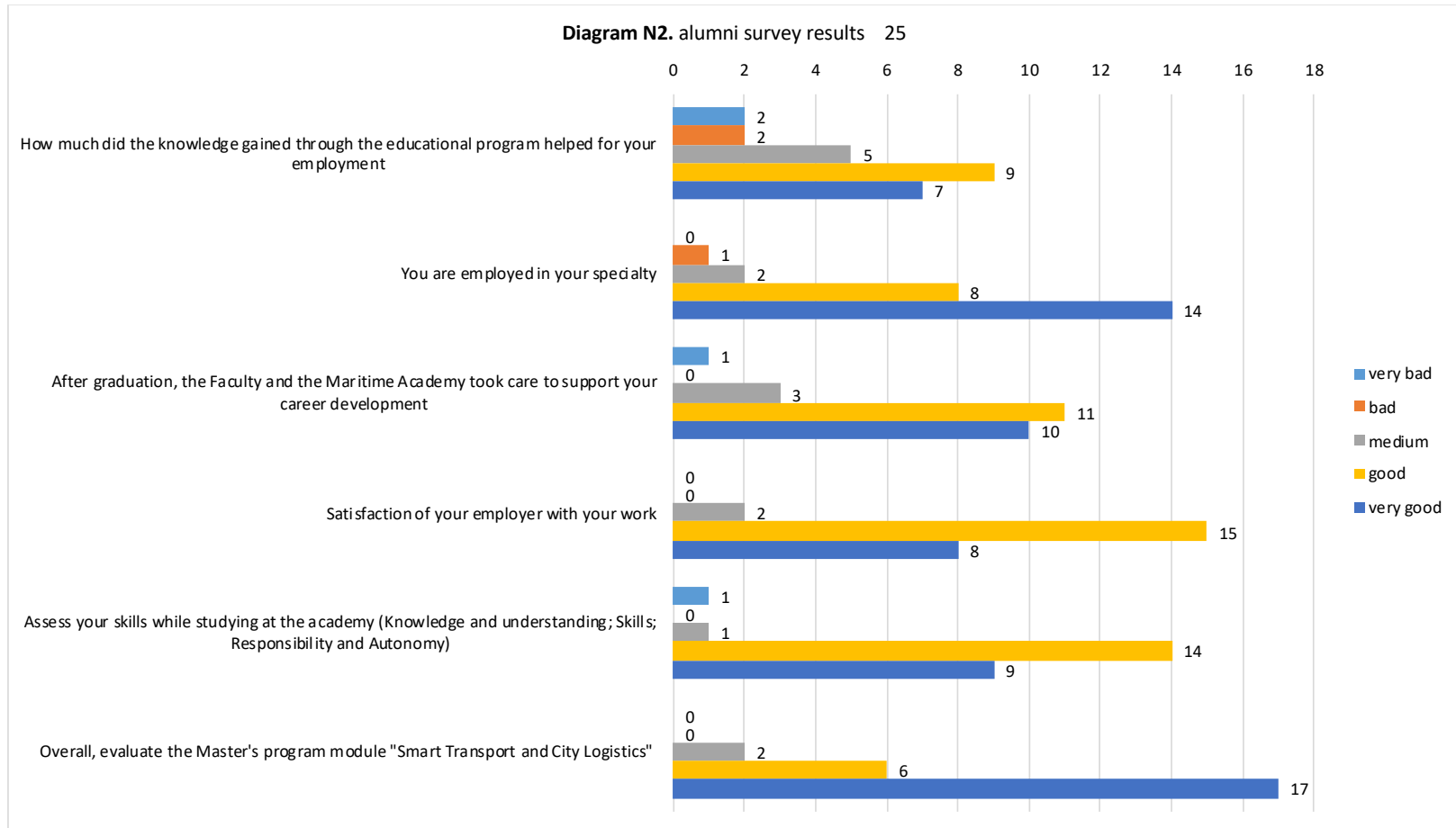
# Activities and tasks

## 7.6 IQAS in operation



### ✓ Results examples (BSMA)

(2/4)



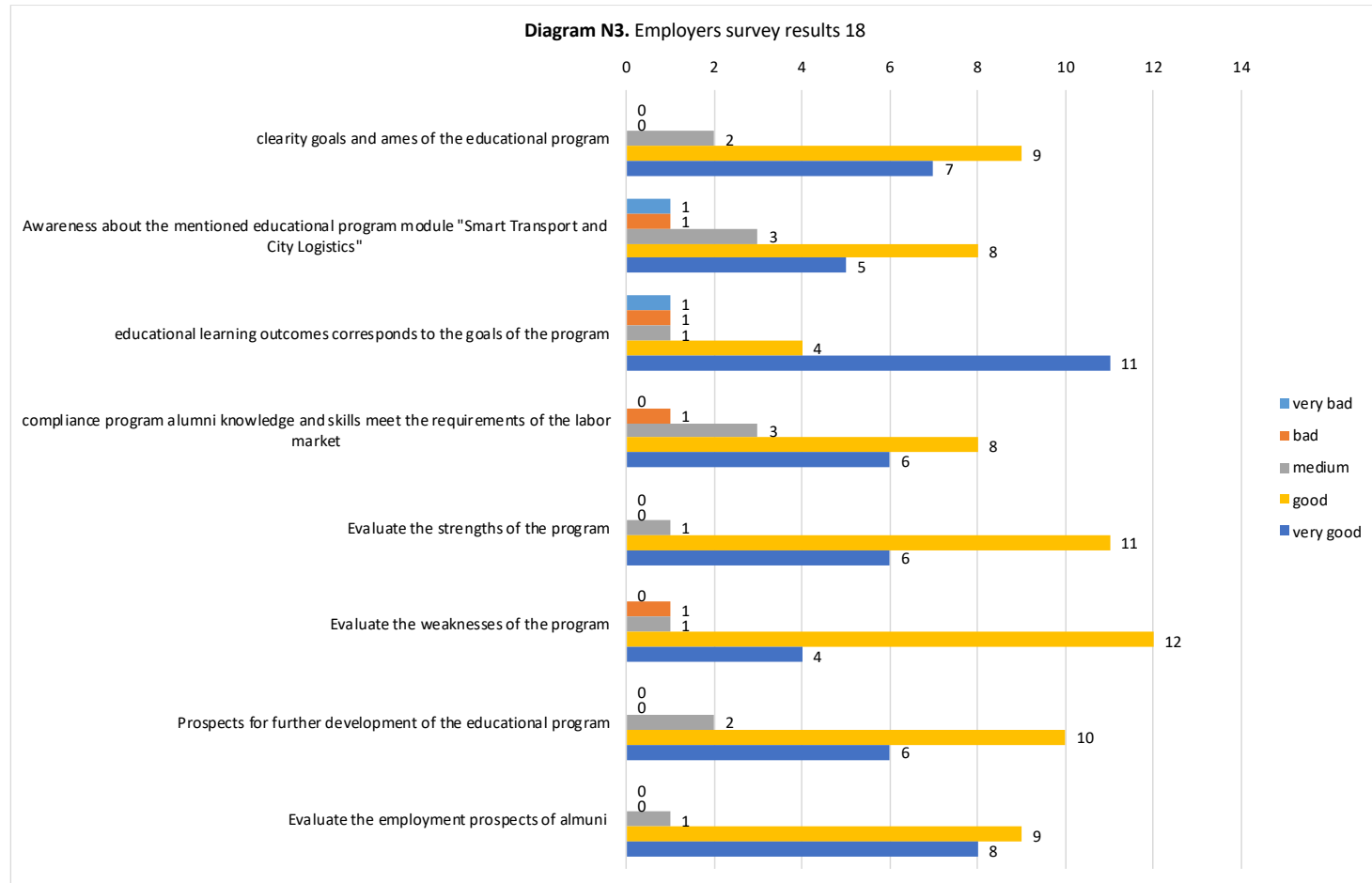
# Activities and tasks

## 7.6 IQAS in operation



✓ Results examples (BSMA)

(3/4)



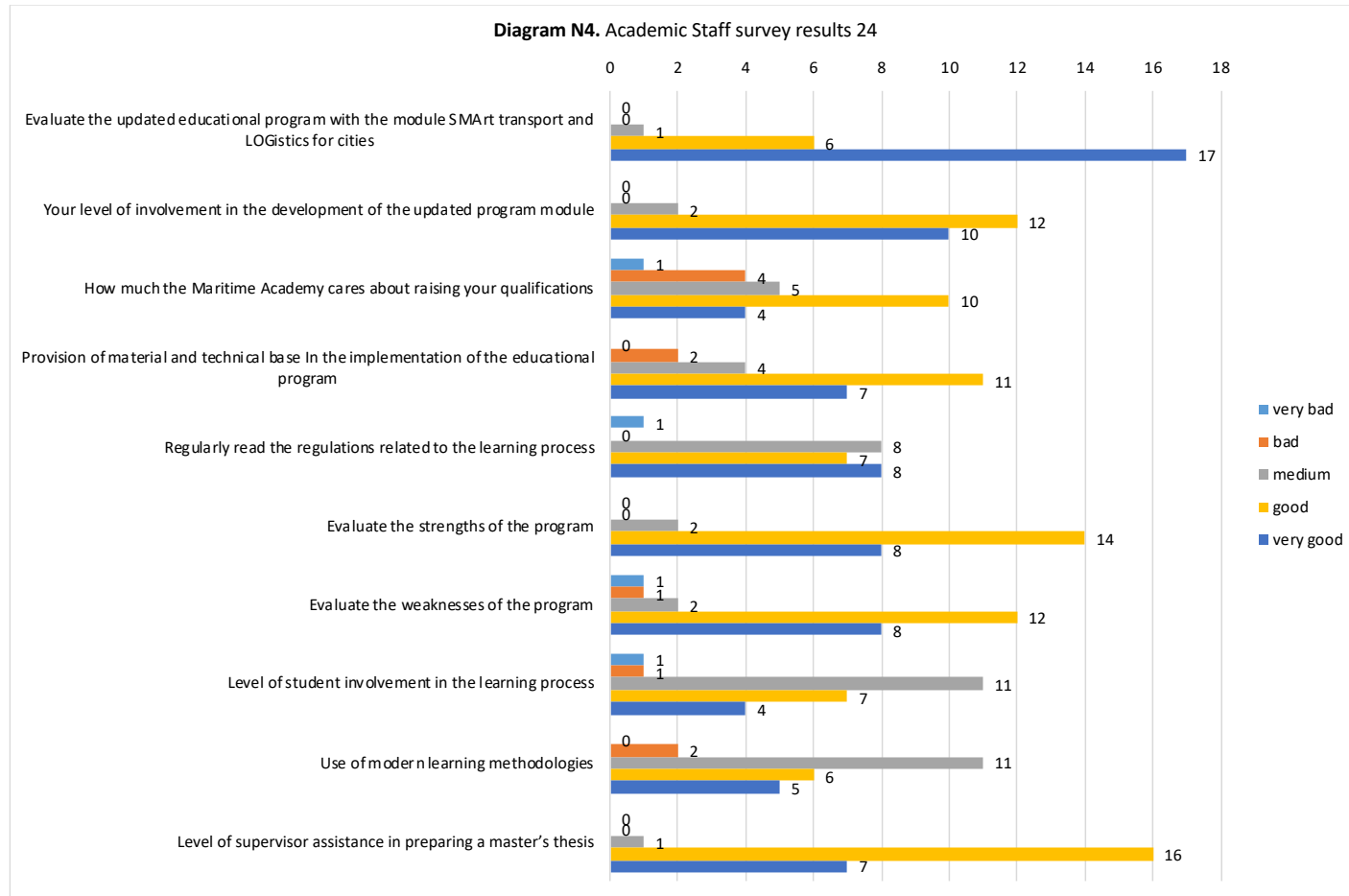
# Activities and tasks

## 7.6 IQAS in operation



### ✓ Results examples (BSMA)

(4/4)



# Activities and tasks

## 7.6 IQAS in operation



✓ Results examples (GTU) - students

(1/2)

Question	Marks	Note
How clear are the goals of the educational program?	5	
How much do theoretical content and practical exercises correspond to the goals of the educational program?	6	
Can the content of education be considered to be in line with the current state of development of science and practice in the relevant field of activity?	6	
How coherent and logically consistent is the connection between the components of the educational program?	5	
Do you consider your level of theoretical knowledge and practical skills to be sufficient for the production tasks (taking into account the level of education and program goals)?	5	
Is the educational and methodological and informational support sufficient to master the educational program?	6	
How well equipped are training labs in terms of developing the necessary practical skills?	6	
Is it possible to consider specialized software, laboratory equipment of the educational program as such, the skills of working with which are in demand in the market practice?	6	
How useful was the practical training (internship) at an enterprise in terms of learning goals?	6	
Can the courses, offered by the student's choice for the educational program, be considered as improving the prospect of further employment in the profession?	6	
In your opinion, is the number of "Soft skills" generated by the educational program sufficient?	6	
Is the research orientation of the program sufficient? (For the educational program)	5	
Can the amount of training load of the educational program be considered as consistent with the time provided for its acquisition?	6	
How do you evaluate the prospects of your employment in a specialty?	6	

# Activities and tasks

## 7.6 IQAS in operation



✓ Results examples (GTU) - employees

(2/2)

Question	Marks	Note
How clear are the goals of the educational program?	7	
How much do educational content correspond to the goals of the program?	6	
Can the content of education be considered to be in line with the current state of development of science and practice in the relevant field of activity?	6	
How consistent is the structural and logical scheme of the educational program?	6	
Does the educational program provide specialized software, laboratory equipment, work skills with which are in demand in the labor market?	6	
Can the courses, offered by the student's choice for the educational program, be considered as improving the prospect of further employment in the profession?	7	
Can the amount of educational content of the program be considered as consistent with the time provided for its acquisition?	6	
Were any comments on the content of the educational program provided by labor market representatives based on previous evaluations of the educational program taken into account (if previously provided)?	6	
How do you assess the prospect of graduates' employment in the profession?	6	
How do you assess the need for graduates of the program in perspective 2–3 years?	7	



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*In the next days we will send a “last call” on updated data to be part of the final report of this work package*



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